



FIG. 1
BACKGROUND ART

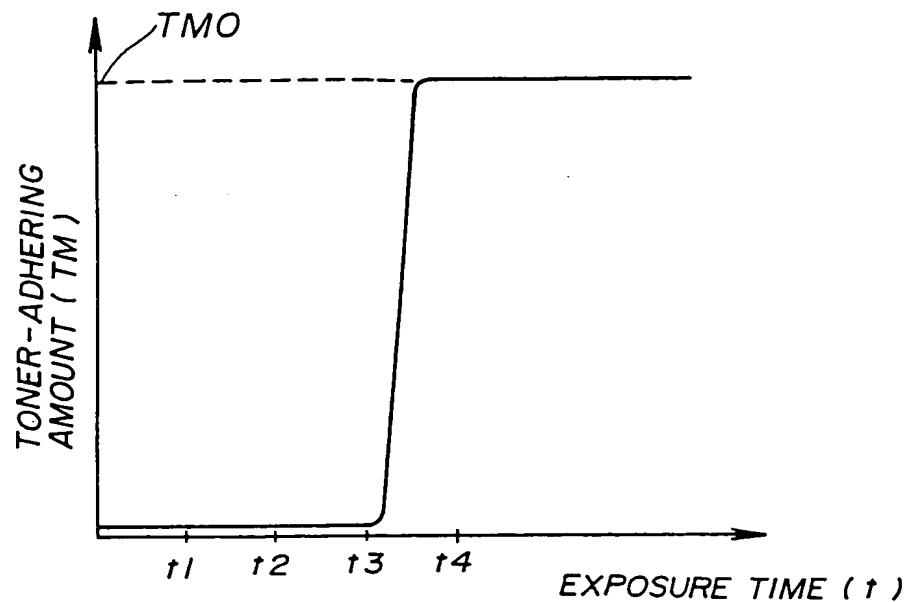
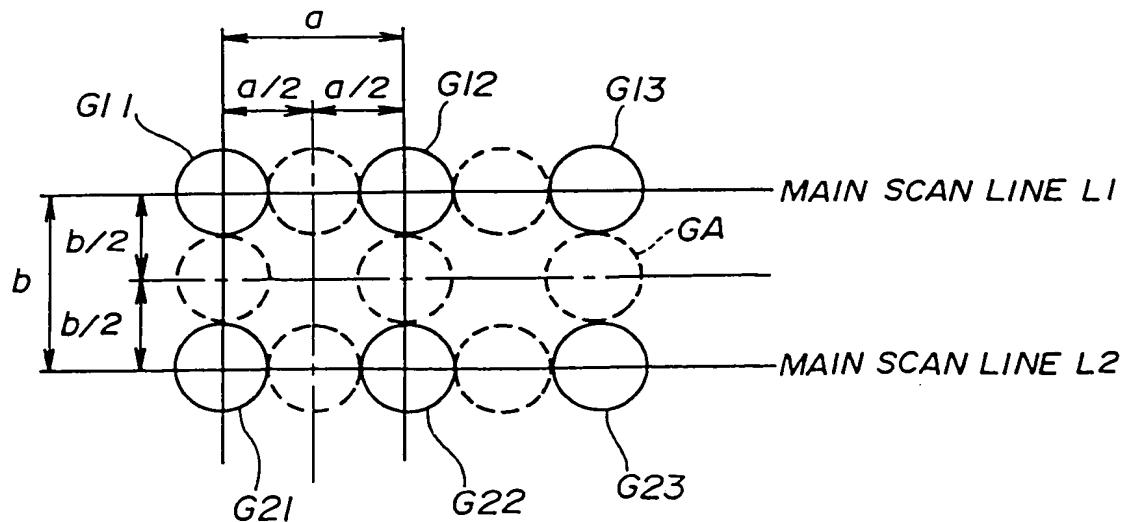


FIG. 2
BACKGROUND ART



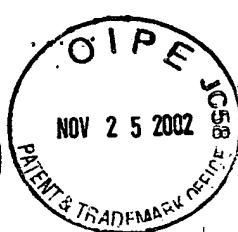
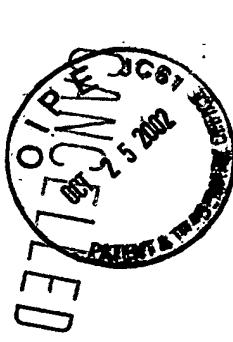


FIG.3 A

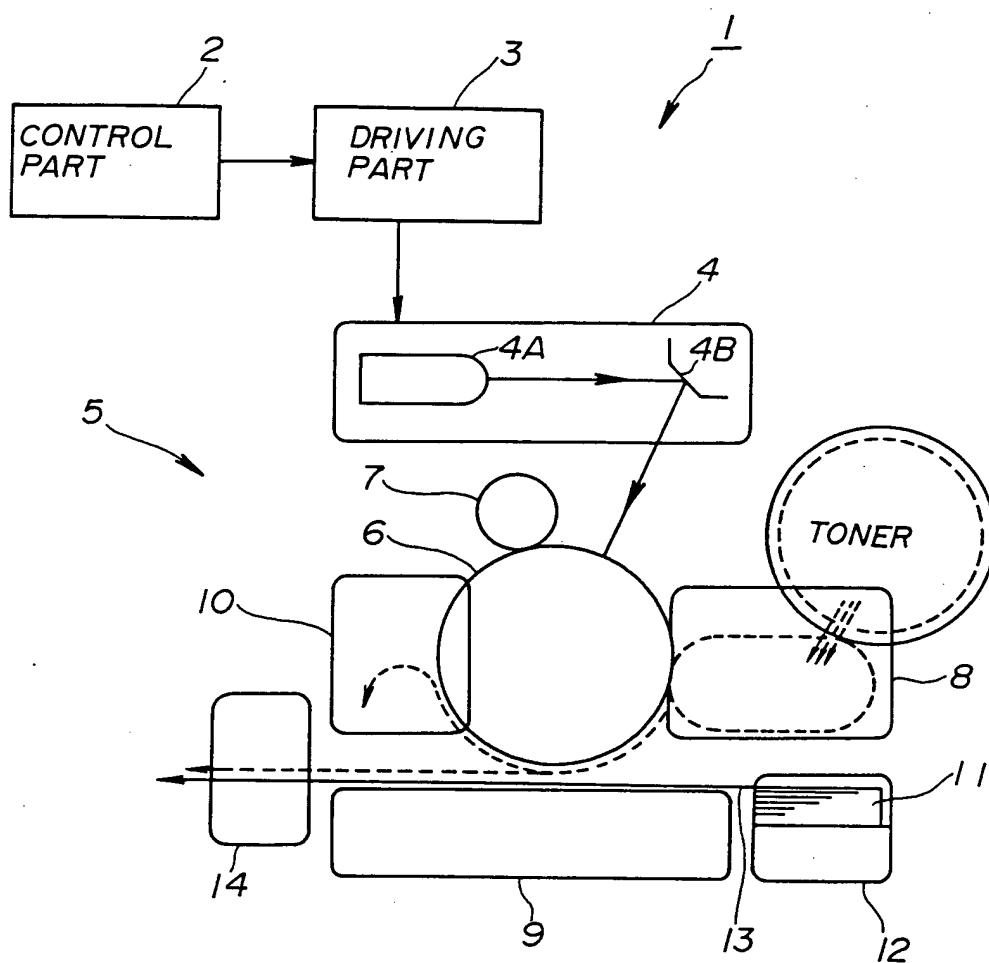
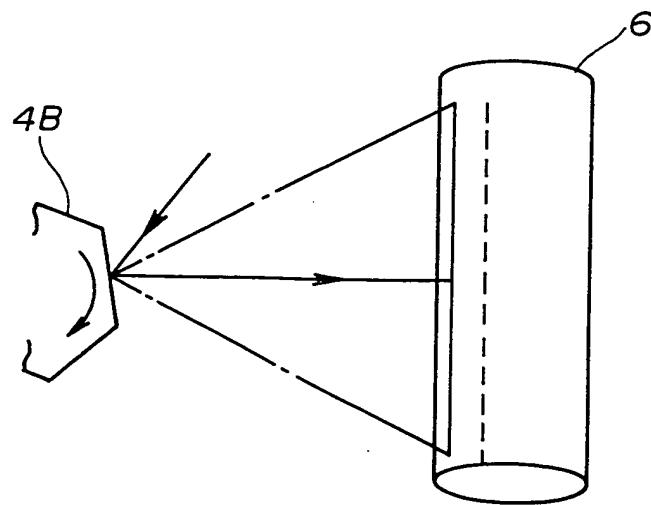


FIG.3 B



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FIG.4

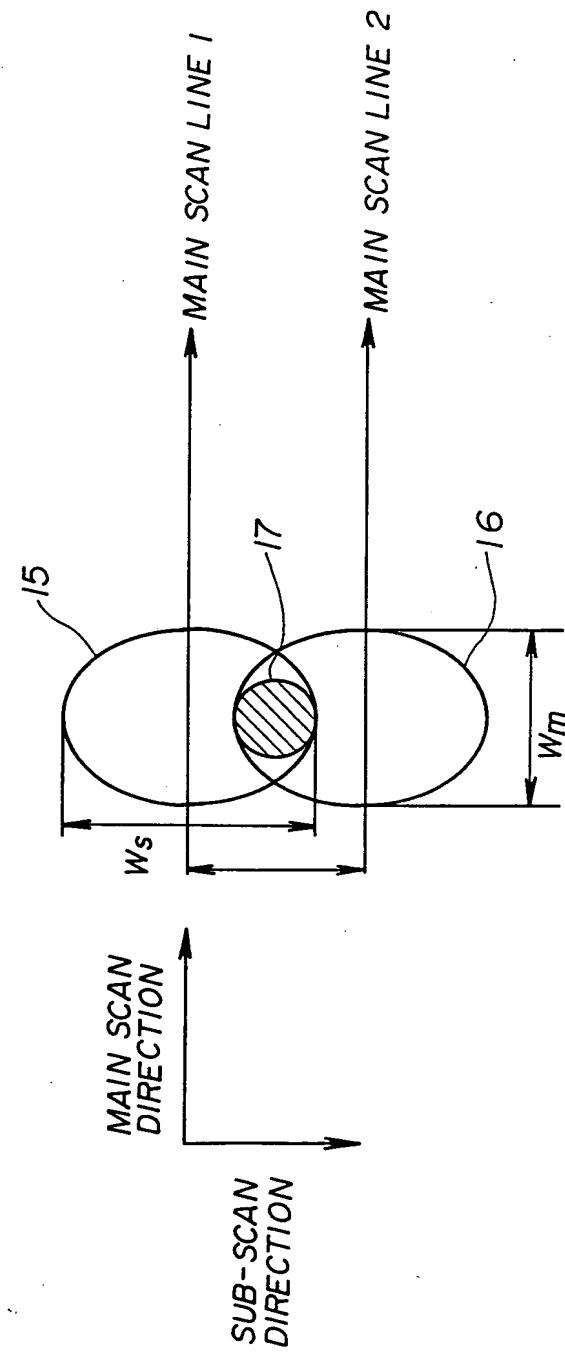




FIG. 5

	$L\ (\mu m)$	$W_m\ (\mu m)$	$W_s\ (\mu m)$	W_s/L	W_m/W_s	RESOLUTION (dp/l)
COMPARISON EXAMPLE	42.3	42.3	42.3	1.00	1.00	600
EMBODIMENT 1	42.3	50.2	51.2	1.21	0.98	600
EMBODIMENT 2	42.3	58.2	76.6	1.81	0.76	600
EMBODIMENT 3	42.3	89.4	105.8	2.50	0.84	600
EMBODIMENT 4	42.3	74.0	148.1	3.50	0.50	600
EMBODIMENT 5	42.3	53.3	59.2	1.40	0.90	600
EMBODIMENT 6	21.2	24.9	25.6	1.21	0.97	1200
EMBODIMENT 7	21.2	26.7	29.7	1.40	0.90	1200
EMBODIMENT 8	21.2	29.2	38.4	1.81	0.76	1200
EMBODIMENT 9	21.2	45.1	53.0	2.50	0.84	1200
EMBODIMENT 10	21.2	28.6	95.3	4.49	0.30	1200



FIG.6

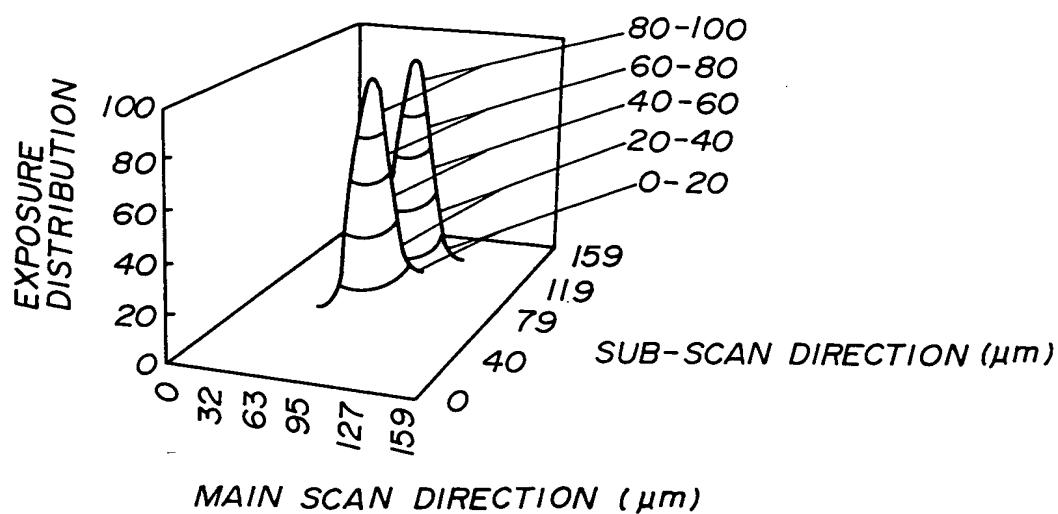
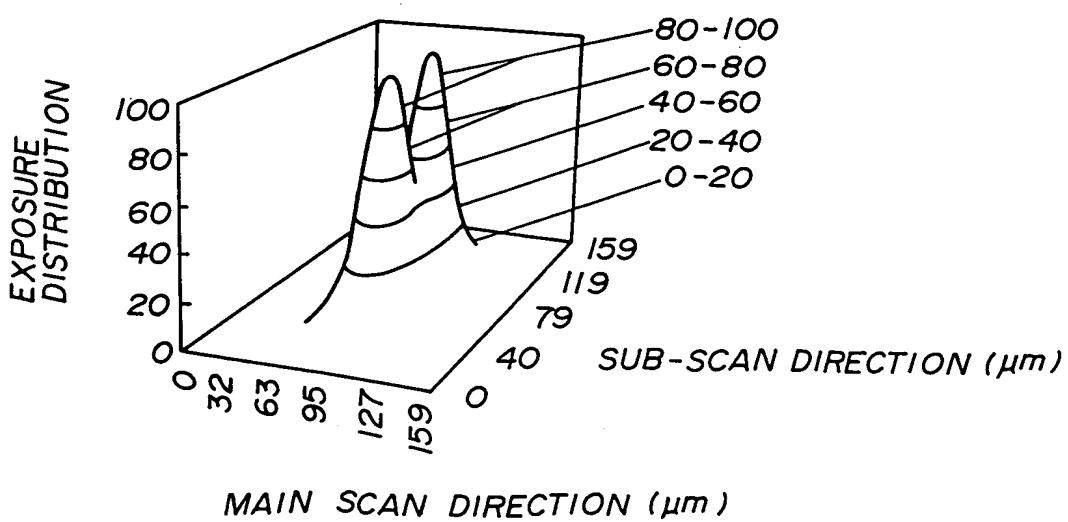


FIG.7



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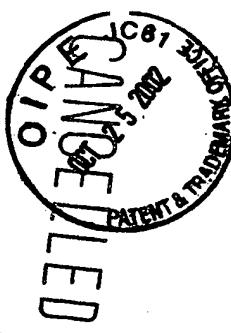


FIG.8

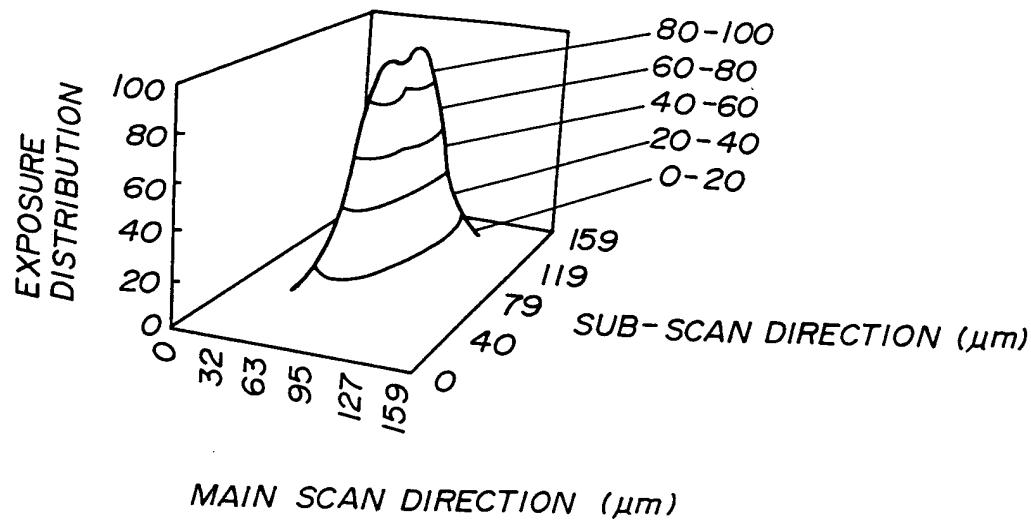
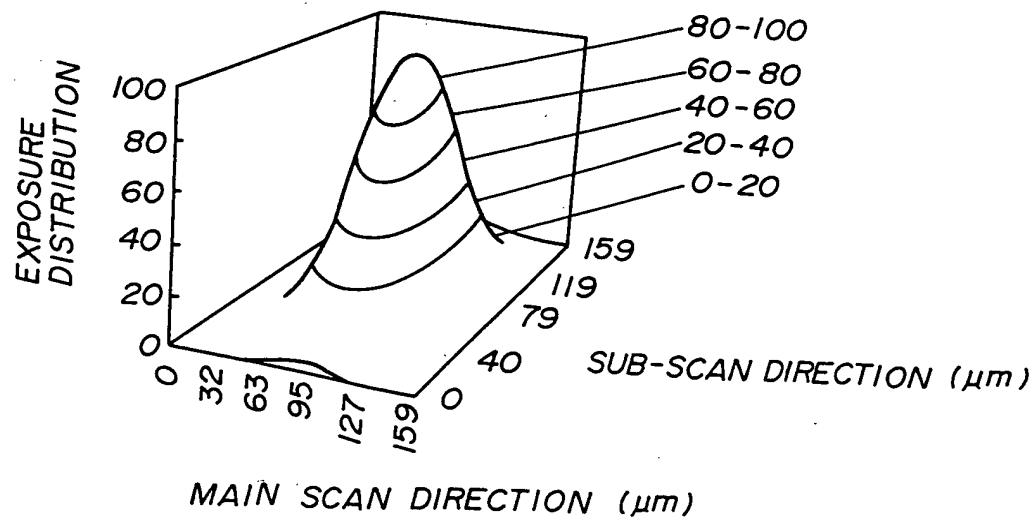
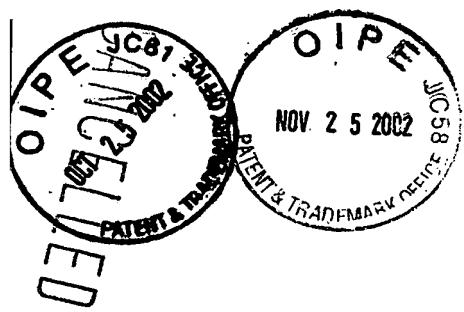


FIG.9





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FIG. 10

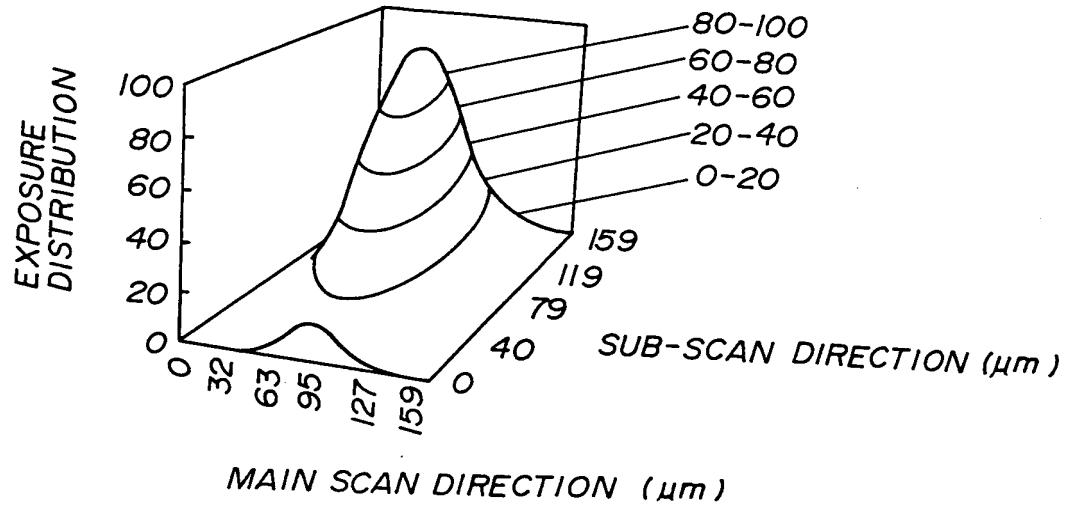
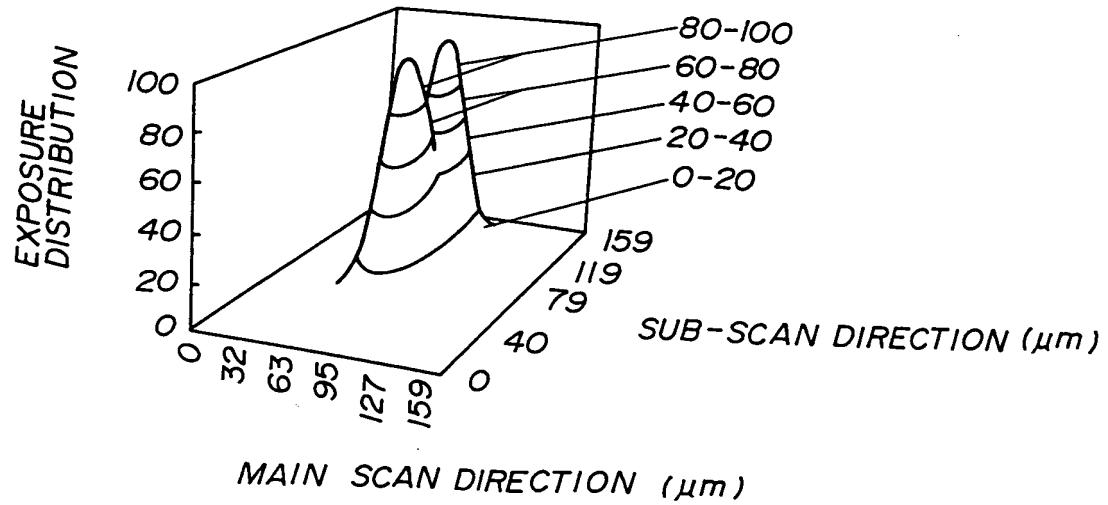


FIG. 11





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FIG. 12

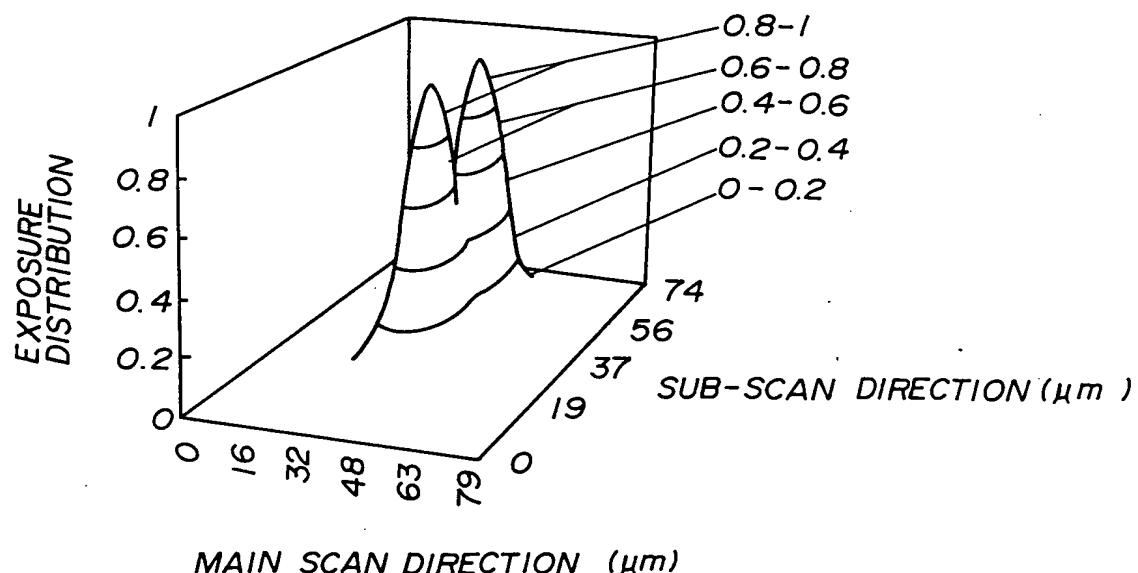
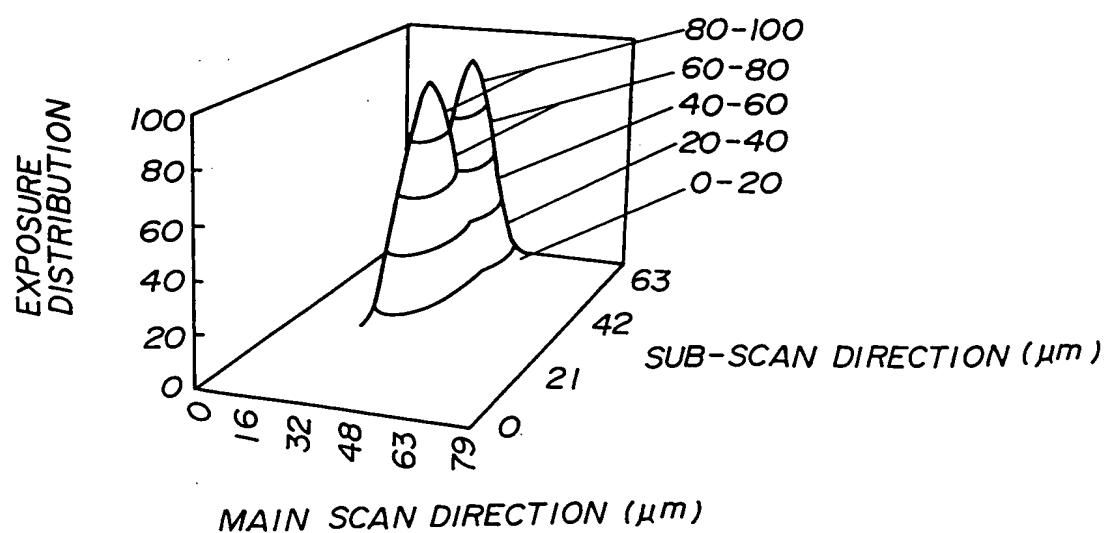


FIG. 13





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FIG. 14

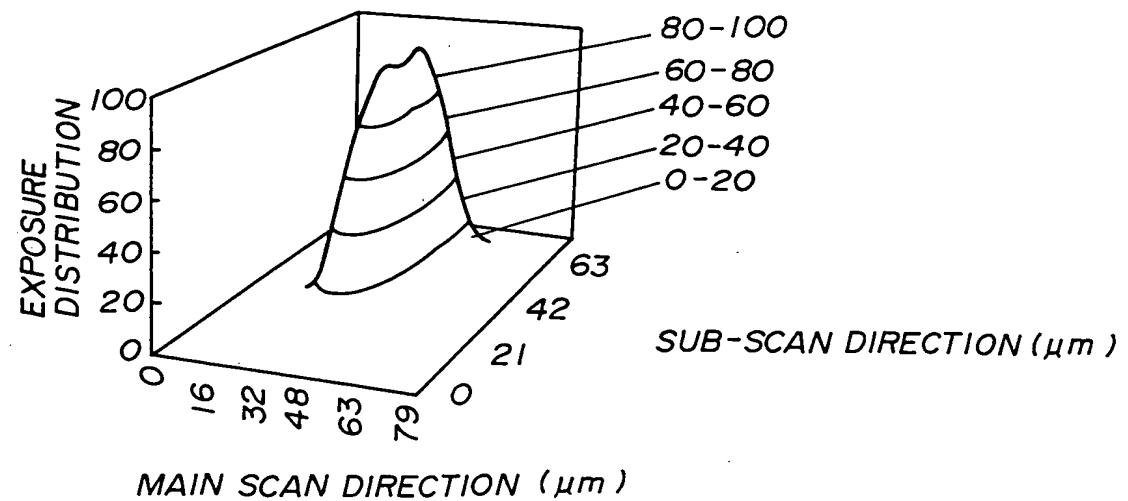
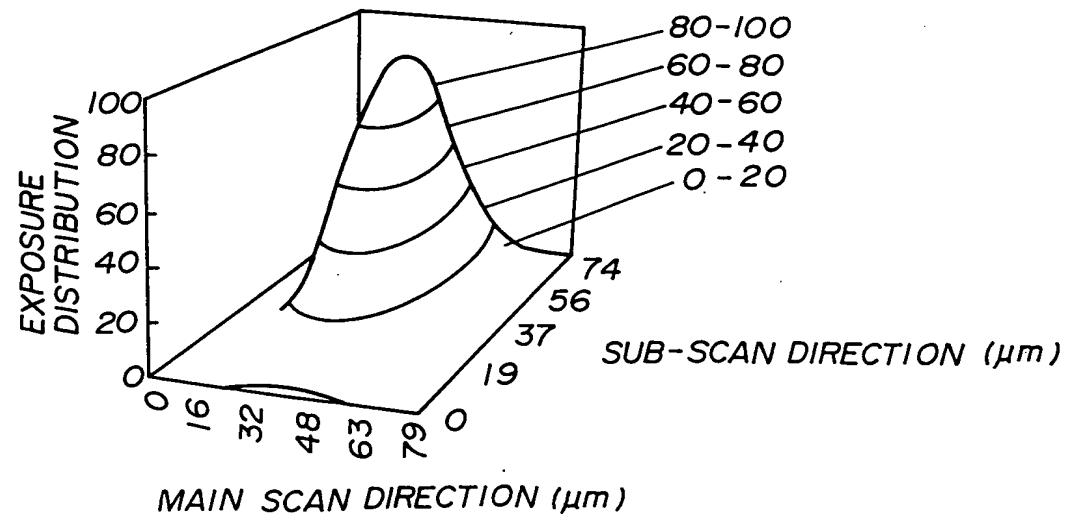
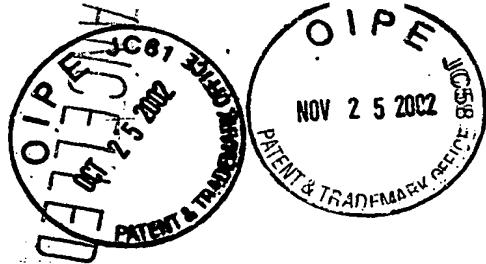


FIG. 15





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FIG. 16

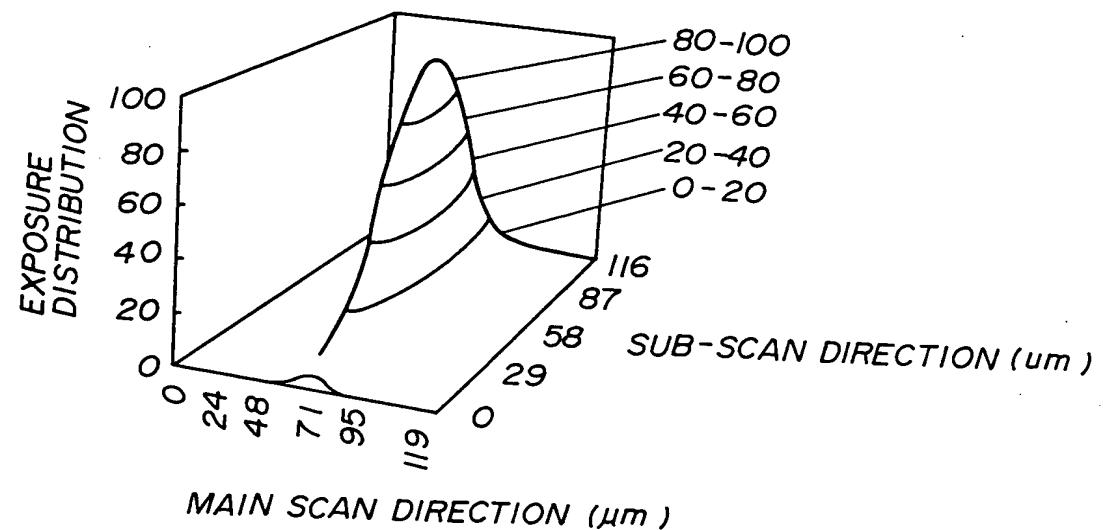
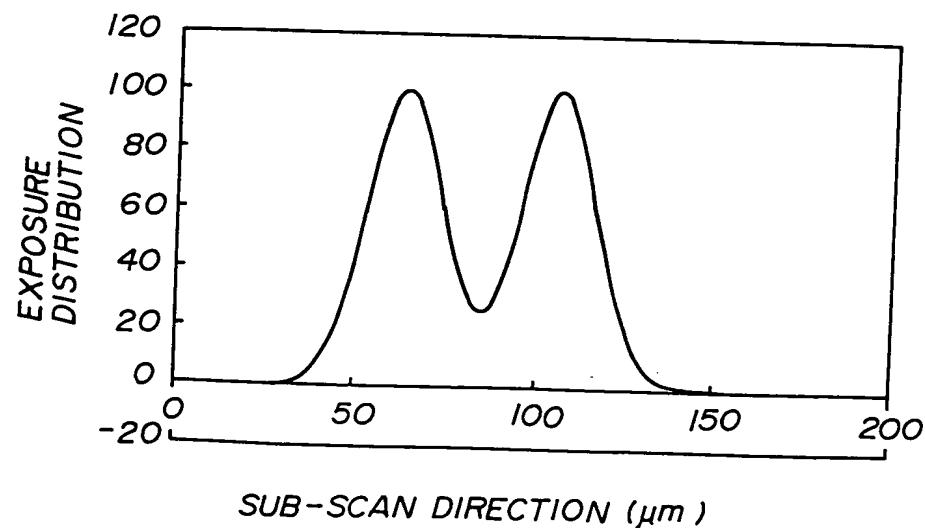
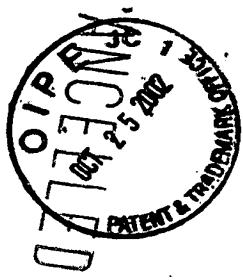


FIG. 17





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FIG. 18

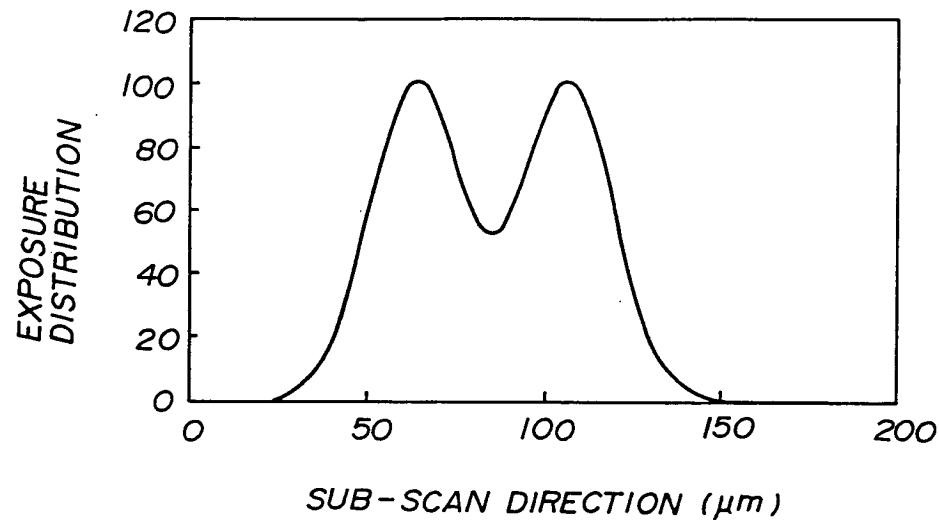
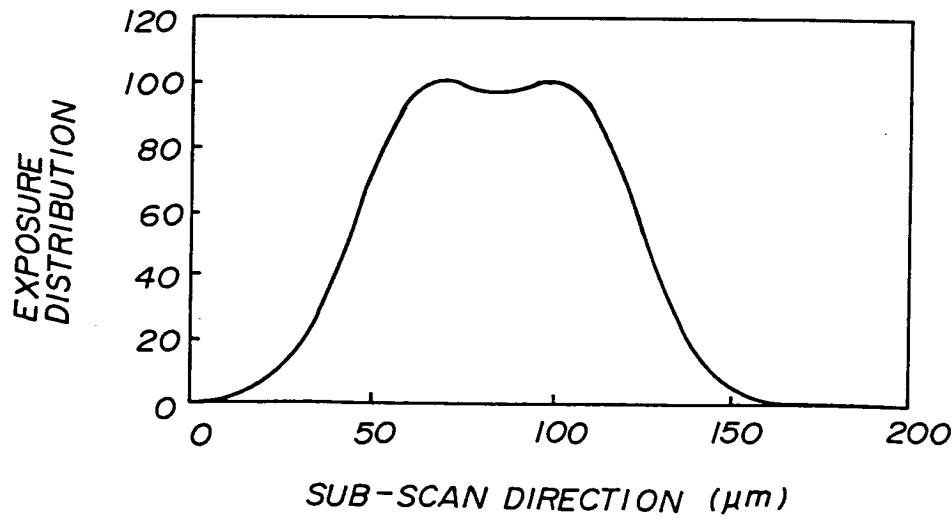


FIG. 19





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FIG.20

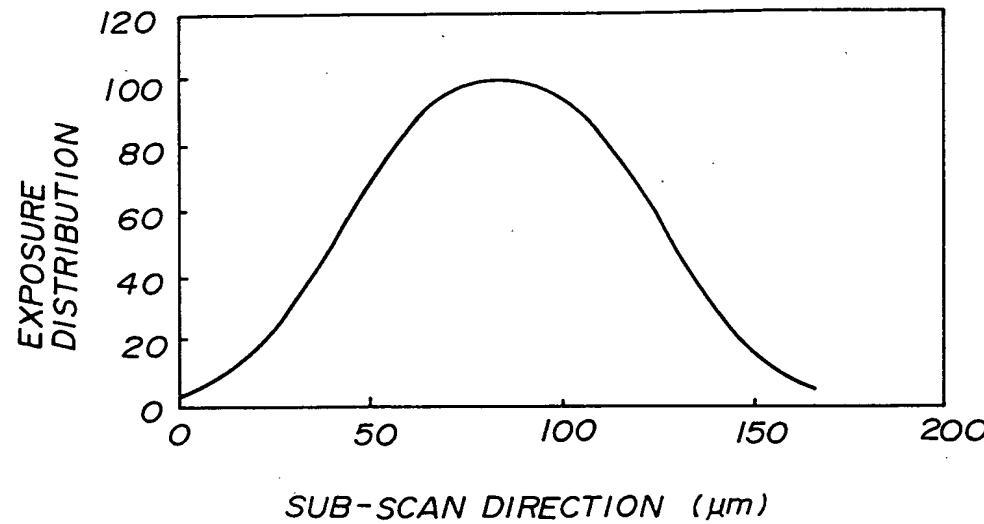
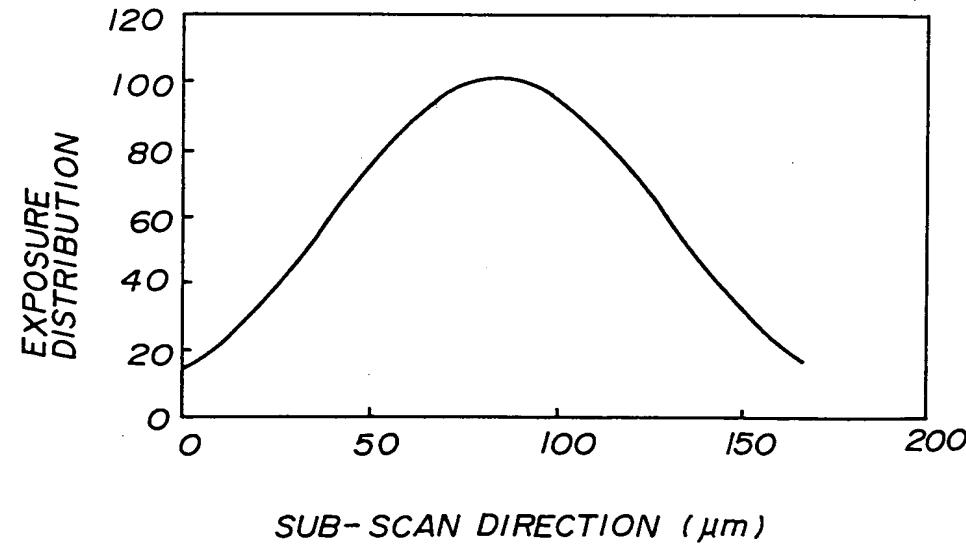


FIG.21



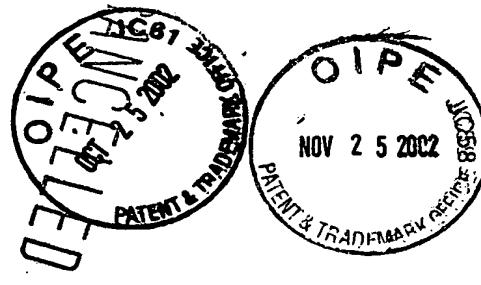


FIG.22

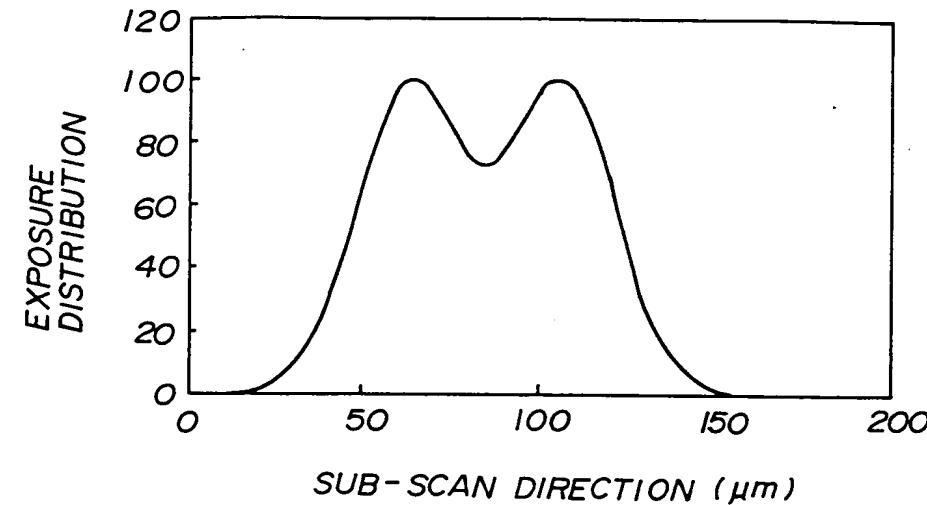
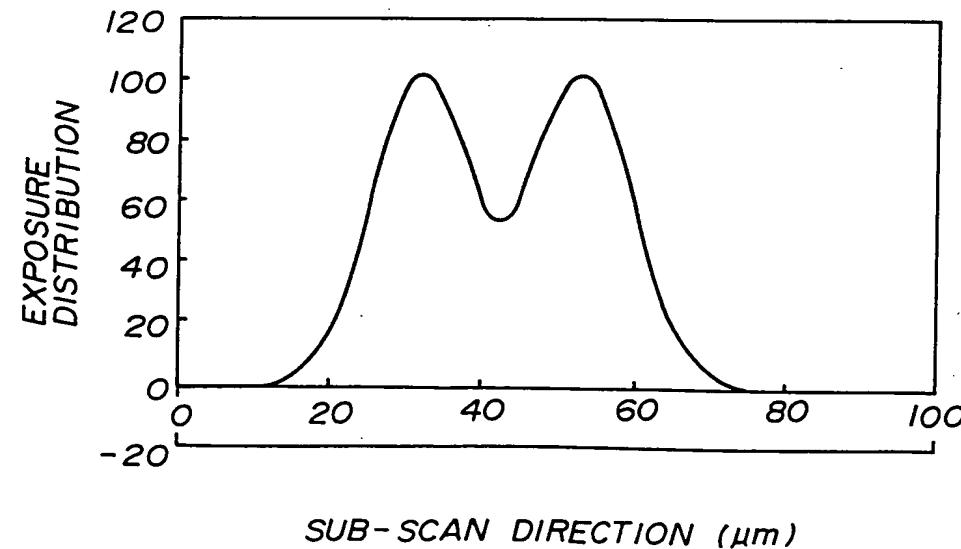
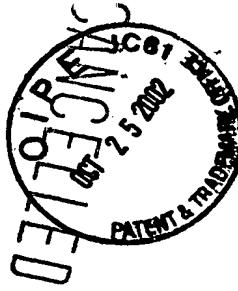


FIG.23





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FIG.24

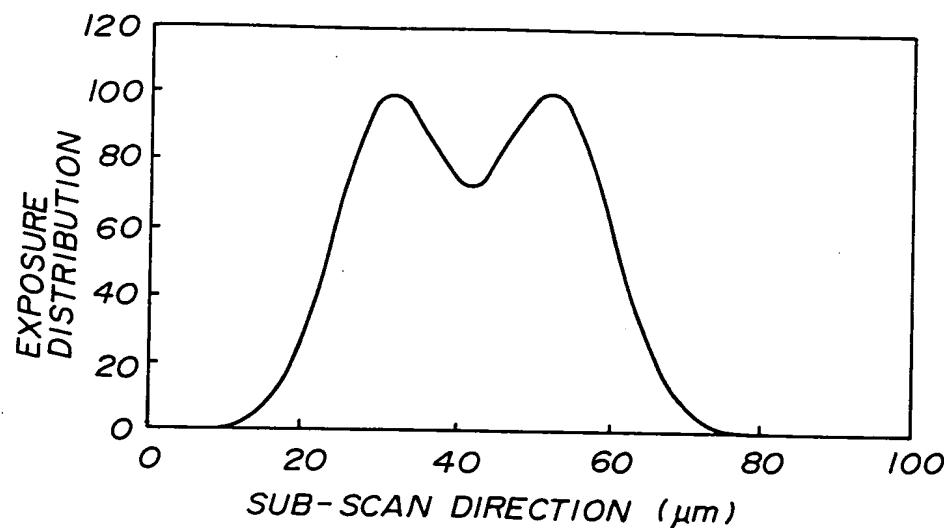


FIG.25

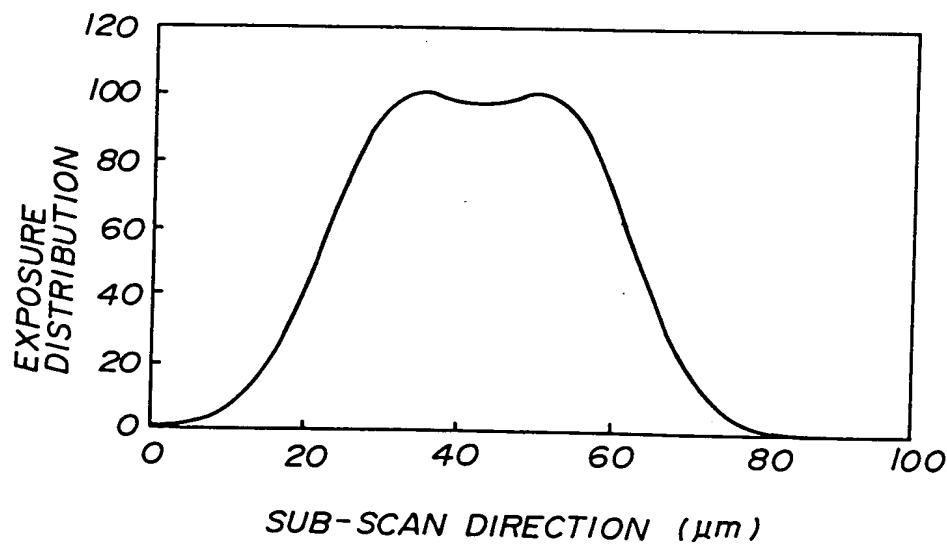




FIG.26

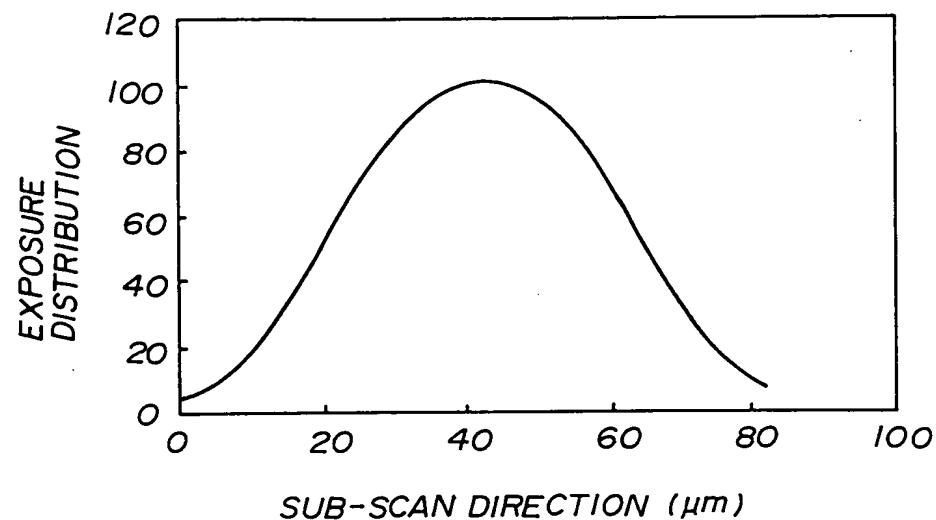


FIG.27

